

**BEFORE THE TENNESSEE REGULATORY AUTHORITY  
NASHVILLE, TENNESSEE**

**JUNE 5, 2000**

<b>IN RE:</b>	)	
	)	
<b>UNITED CITIES GAS COMPANY</b>	)	<b>DOCKET NO. 99-00700</b>
<b>ACTUAL COST ADJUSTMENT (ACA) AUDIT</b>	)	
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**ORDER ADOPTING ACA AUDIT REPORT OF AUTHORITY'S STAFF**

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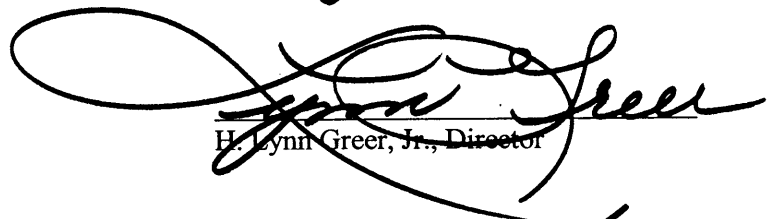
This matter came before the Tennessee Regulatory Authority (hereafter the "Authority") at a regularly scheduled Authority Conference held on April 25, 2000, for the consideration of the report of the Authority's Energy and Water Division (hereafter the "Staff") resulting from the Staff's audit of United Cities Gas Company's ("UCG" or the "Company") annual deferred gas cost account filing for the year ended June 30, 1999. The ACA Audit Report (hereafter the "Report"), attached hereto as Exhibit A, contains the audit findings of the Staff, the responses thereto of the Company, and the Staff recommendations to the Company in addressing the findings. As stated in the Report, the Company agreed with each of the Staff's findings. The Company's initial filing indicated an under-recovery of gas costs in the amount of \$1,748,447. The Staff's audit findings resulted in an over-recovery of \$140,990. Therefore, UCG's correct ACA balance is an under-recovery of \$1,607,457.

After consideration of the Report, the Authority unanimously approved and adopted the findings and recommendations contained therein.

**IT IS THEREFORE ORDERED THAT:**

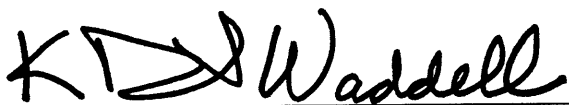
1. The ACA Audit Report for United Cities Gas Company, attached to this Order as Exhibit A, is approved and adopted, and the findings and recommendations contained therein are incorporated in this Order as if fully rewritten herein; and
2. Any party aggrieved by the Authority's decision in this matter may file a Petition for Reconsideration with the Authority within fifteen (15) days from the date of this Order.

  
\_\_\_\_\_  
Melvin C. Malone, Chairman

  
\_\_\_\_\_  
H. Lynn Greer, Jr., Director

  
\_\_\_\_\_  
Sara Kyle, Director

ATTEST:

  
\_\_\_\_\_  
K. David Waddell, Executive Secretary

**BEFORE THE TENNESSEE REGULATORY AUTHORITY**

**NASHVILLE, TENNESSEE**

**March 29, 2000**

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EXECUTIVE SECRETARY

**IN RE:**

**UNITED CITIES GAS COMPANY**

**ACTUAL COST ADJUSTMENT (ACA) AUDIT**

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**Docket No. 99-00700**

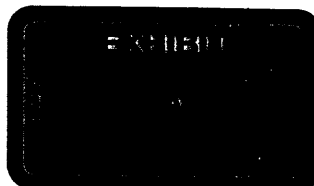
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**NOTICE OF FILING BY ENERGY AND WATER DIVISION OF THE TENNESSEE  
REGULATORY AUTHORITY**

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Pursuant to Tenn. Code Ann. §§ 65-4-104, 65-4-111 and 65-3-108, the Energy and Water Division of the Tennessee Regulatory Authority gives notice of its filing of the United Cities Gas Company's ACA Audit Report in this docket and would respectfully state as follows:

1. The present docket was opened by the Authority to hear matters arising out of the audit of United Cities Gas Company (the "Company").
2. The Company's ACA filing was received on September 12, 1999, and the Staff completed its audit of same on March 24, 2000.
3. On March 27, 2000, the Energy and Water Division issued its preliminary ACA audit findings to the Company, and on March 28, 2000, the Company responded thereto.
4. The preliminary ACA audit report was modified to reflect the Company's responses and a final ACA audit report (the "Report") resulted therefrom. The Report is

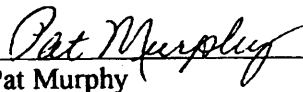


**POSTED**  
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attached hereto as Exhibit A and is fully incorporated herein by this reference. The Report contains the audit findings of the Energy and Water Division, the Company's responses thereto and the recommendations of the Energy and Water Division in connection therewith.

5. The Energy and Water Division hereby files its Report with the Tennessee Regulatory Authority for deposit as a public record and approval of the recommendations and findings contained therein.

Respectfully Submitted:

  
Pat Murphy  
Energy and Water Division of the  
Tennessee Regulatory Authority

**CERTIFICATE OF SERVICE**

I hereby certify that on this 29th day of March, 2000, a true and exact copy of the foregoing has been either hand-delivered or delivered via U.S. Mail, postage pre-paid, to the following persons:

Mr. K. David Waddell  
Executive Secretary  
Tennessee Regulatory Authority  
460 James Robertson Parkway  
Nashville, TN 37243

Mr. Mark G. Thessin  
Vice President of Rates and Regulatory Affairs  
United Cities Gas Company  
810 Crescent Centre Dr., Suite 600  
Franklin, TN 37067

Mr. Bob Cline  
Manager - Rate Administration  
Atmos Energy Corporation  
381 Riverside Dr., Suite 440  
Franklin, TN 37064

  
Pat Murphy

**COMPLIANCE AUDIT REPORT**

**OF**

**UNITED CITIES GAS COMPANY**

**ACTUAL COST ADJUSTMENT**

**DOCKET NO. 99-00700**

**PREPARED BY**

**TENNESSEE REGULATORY AUTHORITY**

**ENERGY AND WATER DIVISION**

**MARCH 2000**

**EXHIBIT A**

COMPLIANCE AUDIT  
UNITED CITIES GAS COMPANY  
ACTUAL COST ADJUSTMENT

DOCKET NO. 99-00700

TABLE OF CONTENTS

	<u>PAGE NO.</u>
I. INTRODUCTION	1
II. AUDIT OPINION	1
III. BACKGROUND INFORMATION ON COMPANY	2
IV. JURISDICTION OF THE TENNESSEE REGULATORY AUTHORITY	2
V. DESCRIPTION OF THE PURCHASED GAS ADJUSTMENT RULE	3
VI. SCOPE OF ACTUAL COST ADJUSTMENT AUDIT	4
VII. ACA FINDINGS	6

## **I. INTRODUCTION**

The subject of this audit is United Cities Gas Company's ("Company" or "United Cities") compliance with the Actual Cost Adjustment and Refund Adjustment of the Purchased Gas Adjustment Rule ("PGA Rule") of the Tennessee Regulatory Authority ("TRA" or the "Authority"). The objective of the audit was to determine whether the Purchased Gas Adjustments, which are encompassed by the Actual Cost Adjustment ("ACA") as more fully described in Section V., for the year ended June 30, 1999, were calculated correctly and were supported by appropriate source documentation.

## **II. AUDIT OPINION**

The Staff concludes that, except for the findings detailed in this report, the Purchased Gas Adjustment mechanism as calculated in the Actual Cost Adjustment appears to be working properly and in accordance with the TRA rules for United Cities Gas Company.

The Company made its Actual Cost Adjustment filing for the Union City, Tennessee service area and Tennessee service areas other than Union City on September 12, 1999. This ACA filing showed \$57,184,169 in total gas costs, with \$52,571,926 being recovered from customers through rates. Adding a beginning balance in the ACA account of \$2,864,342 in overrecovered gas costs from the preceding ACA period and interest due from customers for the current period of \$546 resulted in an ACA balance at June 30, 1999 of \$1,748,447 in underrecovered gas costs. The Company began surcharging this amount to its customers on October 1, 1999.

The Staff's audit showed total gas costs of \$57,045,597, with \$52,571,926 being recovered from customers through rates. Thus, total interest due to the customers for the period is \$1,872. And the adjusted ACA balance at June 30, 1999 is **\$1,607,457** in underrecovered gas costs. The results of the Staff's audit was a **net overrecovery of \$140,990** for the audit period. The effect was to decrease the amount of the underrecovered balance by this amount. A detail summary of the ACA account and the Staff's findings is found under ACA Findings on page 6 of this report.

After the Staff's adjustments, the Company's total gas costs incurred for the ACA period under audit totalled \$57 million. The **\$140,990 overrecovery** calculated by the Staff is less than one percent of the total gas purchases and is not considered material in comparison. United Cities Gas Company customarily makes an adjustment for Staff's findings to the Deferred Gas Cost account in the following audit period. The Staff concurs with this method.



### **III. BACKGROUND INFORMATION ON COMPANY AND GAS SUPPLIERS**

United Cities Gas Company, a Division of Atmos Energy Corporation, located at 810 Crescent Centre Dr., Suite 600, Franklin, Tennessee, is a multistate gas distributor. The Company provides service to customers in twelve cities and surrounding areas in Tennessee. The natural gas used to serve these areas is purchased from four natural gas pipelines in accordance with separate and individual tariffs approved by the Federal Energy Regulatory Commission (FERC). The interstate pipelines are Tennessee Gas Pipeline (TGP), East Tennessee Natural Gas (ETNG), Texas Gas Transmission Corporation (TGTC), and Texas Eastern Transmission Corporation (TETC).

TGP and ETNG provide service to east Tennessee towns, which include Columbia, Shelbyville, Maryville, Morristown, Elizabethton, Greeneville, Johnson City, Kingsport, Bristol and adjacent areas in Maury, Bedford, Moore, Blount, Hamblen, Sullivan, Carter, Washington, and Greene Counties.

TETC provides service to UCG in Murfreesboro and Franklin and adjacent areas in Rutherford and Williamson Counties.

TGTC provides service to UCG in Union City and adjacent areas in Obion County.

### **IV. JURISDICTION OF THE TENNESSEE REGULATORY AUTHORITY**

Tennessee Code Annotated (T.C.A.) gave jurisdiction and control over public utilities to the Tennessee Regulatory Authority. T.C.A. §65-4-104 states that:

The [A]uthority has general supervisory and regulatory power, jurisdiction, and control over all public utilities, and also over their property, property rights, facilities, and franchises, so far as may be necessary for the purpose of carrying out the provisions of this chapter.

Further, T.C.A. §65-4-105 grants the same power to the Authority with reference to all public utilities within its jurisdiction as chapters 3 and 5 of Title 65 of the T.C.A. have conferred on the Department of Transportation's oversight of the railroads or the Department of Safety's oversight of transportation companies. By virtue of T.C.A. §65-3-108, this power includes the right to audit:

The department is given full power to examine the books and papers of the companies, and to examine, under oath, the officers, agents, and employees of the companies and any other persons, to procure the necessary information to

intelligently and justly discharge its duties and carry out the provisions of this chapter and chapter 5 of this title.

The Energy and Water Division of the TRA is responsible for auditing those companies under the Division's jurisdiction to ensure that each company is abiding by Tennessee statute as well as the Rules and Regulations of the Authority. This audit was performed by Pat Murphy of the Energy and Water Division.

## **V. DESCRIPTION OF PURCHASED GAS ADJUSTMENT RULE**

### **Actual Cost Adjustment Audits:**

The PGA Rule can be found in Chapter 1220-4-7 of the Rules of the Tennessee Regulatory Authority. The PGA Rule permits a gas company to recover, in a timely fashion, the total cost of gas purchased for delivery to its customers and to assure that a company does not over-collect or under-collect gas costs from its customers. The PGA consists of three major components:

- 1. The Actual Cost Adjustment (ACA)**
- 2. The Gas Charge Adjustment (GCA)**
- 3. The Refund Adjustment (RA)**

The ACA is the difference between the revenues billed customers by means of the GCA and the cost of gas invoiced the Company by suppliers plus margin loss (if allowed by order of the TRA in another docket) as reflected in the Deferred Gas Cost account. The ACA then "true-up" the difference between the actual gas costs and the gas costs recovered from customers through a surcharge or a refund. The RA refunds the "true-up" along with other supplier refunds. For a more complete definition of the GCA and RA, please see the PGA Formula in Appendix A.

Section 1220-4-7-.03(2) of the PGA Rule requires:

Each year, the Company shall file with the [Authority] an annual report reflecting the transactions in the Deferred Gas Cost Account. Unless the [Authority] provides written notification to the Company within one hundred eighty (180) days from the date of filing the report, the Deferred Gas Cost Adjustment Account shall be deemed in compliance with the provisions of these Rules. This 180 day notification period may be extended by mutual consent of the Company and the [Authority] Staff or by order of the [Authority].

### **Prudence Audit of Gas Purchases:**

Section 1220-4-7-.05 of the PGA Rule requires, unless otherwise ordered by the Authority, an "Audit of Prudence of Gas Purchases" by a qualified consultant. This specialized audit evaluates and reports annually on the prudence of any gas costs included in the PGA. In Docket 97-01364, United Cities was authorized to operate under a Performance-Based Ratemaking Mechanism ("PBR"), beginning April 1, 1999, and continuing each year unless terminated by the Company or the Authority. For each year that the mechanism is in effect, the requirements of Section 1220-4-7-.05 of the PGA Rule is waived.

Since the Company's permanent PBR was not approved to begin until April 1, 1999, and the experimental period of the PBR expired March 31, 1997, the Company was operating under the requirements of Section 1220-4-7-.05 of the PGA Rule during July 1, 1998 to March 31, 1999 of this audit period. Under separate docket (Docket 99-00389) the Authority approved an alternative procedure to the hiring of a consultant to perform a prudence audit for the two-year intervening period. The Company would submit a filing for years ended March 31, 1998 and March 31, 1999, with proper documentation, comparing gas purchases to the benchmark approved in its permanent PBR plan. The filing was submitted on October 4, 1999. After reviewing the filing, the Staff was in agreement that the Company acted prudently in its gas purchasing activities for the period April 1997 through March 1999.

### **VI. SCOPE OF ACTUAL COST ADJUSTMENT AUDIT**

The Company submitted its ACA filing on September 12, 1999. On February 4, 2000, the TRA Staff requested an extension of the 180 days notification period to April 30, 2000 and the Company agreed. An extension was needed in order that the Company would have sufficient time to respond to outstanding items in the Staff's requests for additional information and the Staff would have sufficient time to review those responses.

We performed this audit to verify that the Company's calculations of gas costs incurred and recovered were correct. A detail of the ACA account is provided in Section VII (ACA Findings). Also included in this audit was the Company's PGA filing implementing a surcharge of the ACA account balance at June 30, 1999, effective October 1, 1999.

We also audited a sample of customer bills to determine if the proper PGA rates were applied in the Company's calculation of customer bills during the audit period. Since the Company's billing process is computerized, a sample of 245 bills was tested. These bills were selected to be representative of the residential, commercial, industrial and interruptible customers in each of the Company's service areas. The sample was selected from the twelve month period July 1998 through June 1999. After recalculating each

sample bill, we determined that the calculation methods utilized by the Company are correct.

## VII. ACA FINDINGS

As outlined above, the result of the Staff's audit was a **net overrecovery of \$140,990**, which had the effect of decreasing the Company's underrecovery balance in the ACA account by this amount. A summary of the ACA account as filed by the Company and as adjusted by the Staff is shown below, followed by a detail of each finding.

### SUMMARY OF THE ACA ACCOUNT:

	Company	Staff	Difference (Findings)
Beginning Balance at June 30, 1998	\$ -2,864,342	\$ -2,864,342	\$ 0
Plus Gas Costs	57,184,169	57,045,597	-138,572
Minus Recoveries	<u>52,571,926</u>	<u>52,571,926</u>	<u>0</u>
Ending Balance before Interest	\$ 1,747,901	\$ 1,609,329	\$ -138,572
Plus Interest	<u>546</u>	<u>-1,872</u>	<u>-2,418</u>
Ending Balance at June 30, 1999	<u>\$ 1,748,447</u>	<u>\$ 1,607,457</u>	<u>\$ -140,990</u>

### SUMMARY OF FINDINGS:

See page

FINDING #1	Union City - Commodity	\$ 4,293.80	Overrecovery	7
FINDING #2	All Other Towns - Commodity	124,783.45	Overrecovery	8
FINDING #3	All Other Towns - Demand	9,494.37	Overrecovery	9
FINDING #4	Interest on Account Balance	<u>2,417.90</u>	Overrecovery	10
Net Result		<u>\$ 140,989.52</u>	Overrecovery	

**FINDING #1:**

**Exception**

The Staff calculated an **overrecovery of \$4,293.80** in the commodity costs for the Union City filing.

**Discussion**

The cost of gas purchased for use in the Company's own facilities "Company Use" is to be credited back to the ratepayers in the ACA account. In the last audit period, the cost of this Company Use was not credited to the ACA account for the months of April 1998 through June 1998. Staff was told that the amounts for those months were booked after the close of the ACA period and would appear in the next audit period. However, Staff discovered that the amount of Company Use was not included in this filing for those months or the current audit period. Staff requested the Company to make those calculations for the Staff's review and that the Company Use amounts would be a finding. The correct amount that should have been credited to the ACA account for the period April 1998 through June 1999 was \$4,293.80 for Union City.

**Company Response**

The Company agrees with this finding.

## **FINDING #2:**

### **Exception**

The Staff calculated an **overrecovery of \$124,783.45** in the commodity costs for All Tennessee Towns Other Than Union City filing.

The Company made errors in the following areas:

2A	Gas Used By Company	\$ 19,330.99	Overrecovery
2B	Inventory Injections	89,789.93	Overrecovery
2C	Miscellaneous Adjustment	<u>15,662.53</u>	Overrecovery
Net Result		\$ <u>124,783.45</u>	Overrecovery

### **Discussion**

- 2A See Staff discussion under Finding #1. The correct amount that should have been credited to the ACA account for the period April 1998 through June 1999 was \$19,330.99 for All Tennessee Towns Other Than Union City.
- 2B In accounting for gas inventory, gas costs associated with injections to storage are credited to the ACA account. When the gas is withdrawn from storage, the gas cost is debited to the ACA account. A May 1999 injection was debited to the ACA instead of credited.
- 3B The Company debited an invoice credit to the ACA account in error.

### **Company Response**

The Company agrees with this finding.

**FINDING #3:**

**Exception**

The Staff calculated an **overrecovery of \$9,494.37** in the demand costs for the All Tennessee Towns Other Than Union City filing.

**Discussion**

Since one of the Tennessee towns (Bristol) is split between Tennessee and Virginia, an allocation factor is applied to commodity and demand costs to determine the amount of costs to be charged to Tennessee ratepayers. A separate factor applies to commodity and demand. The Company used the commodity allocation factor instead of the correct demand allocation factor to calculate the capacity release credit for March 1999.

**Company Response**

The Company agrees with this finding.



**FINDING #4:**

**Exception**

The Staff calculated an **overrecovery of \$2,417.90** in the interest calculation on account balances for both ACA filings.

The following corrections were made to the interest calculations:

4A	Union City filing	\$ 30.48	Overrecovery
4B	Union City filing	202.48	Overrecovery
4C	All Other Towns filing	877.57	Underrecovery
4D	All Other Towns filing	<u>3,062.51</u>	Overrecovery
Net Result		\$ <u>2,417.91</u>	Overrecovery

**Discussion**

- 4A The Company used an incorrect interest rate for December 1998 and March 1999.
- 4B The Staff recalculated interest on account balance based on Findings #1.
- 4C The Company used an incorrect interest rate for December 1998 and March 1999.
- 4D The Staff recalculated interest on account balance based on Findings #2 and #3.

**Company Response**

The Company agrees with this finding.

## APPENDIX A

### PGA FORMULA

The computation of the GCA can be broken down into the following formulas:

$$\text{Firm GCA} = \frac{D + \text{DACA}}{\text{SF}} - \text{DB} + \frac{P + T + \text{SR} + \text{CACA}}{\text{ST}} - \text{CB}$$

$$\text{Non-Firm GCA} = \frac{P + T + \text{SR} + \text{CACA}}{\text{ST}} - \text{CB}$$

where

GCA = The Gas Charge Adjustment in dollars per Ccf/Therm, rounded to no more than five decimal places.

D = The sum of all fixed Gas Costs.

DACA = The demand portion of the ACA.

P = The sum of all commodity/gas charges.

T = The sum of all transportation charges.

SR = The sum of all FERC approved surcharges.

CACA = The commodity portion of the ACA.

DB = The per unit rate of demand costs or other fixed charges included in base rates in the most recently completed general rate case (which may be zero if the Company so elects and the Commission so approves).

CB = The per unit rate of variable gas costs included in base rates in the most recently completed general rate case (which may be zero if the Company so elects and the Commission so approves).

SF = Firm Sales.

ST = Total Sales.

The computation of the RA can be computed using the following formulas:

$$\text{Firm RA} = \frac{\text{DR1} - \text{DR2}}{\text{SFR}} + \frac{\text{CR1} - \text{CR2} + \text{CR3} + i}{\text{STR}}$$

$$\text{Non-Firm RA} = \frac{\text{CR1} - \text{CR2} + \text{CR3} + i}{\text{STR}}$$

where

RA = The Refund Adjustment in dollars per Ccf/Therm, rounded to no more than five decimal places.

DR1 = Demand refund not included in a currently effective Refund Adjustment, and received from suppliers by check, wire transfer, or credit memo.

DR2 = A demand surcharge from a supplier not includable in the GCA, and not included in a currently effective Refund Adjustment.

CR1 = Commodity refund not included in a currently effective Refund Adjustment, and received from suppliers by check, wire transfer, or credit memo.

CR2 = A commodity surcharge from a supplier not includable in the GCA, and not included in a currently effective Refund Adjustment.

CR3 = The residual balance of an expired Refund Adjustment.

- $i$  = Interest on the "Refund Due Customers" account, using the average monthly balances based on the beginning and ending monthly balances. The interest rates for each calendar quarter used to compute such interest shall be the arithmetic mean (to the nearest one-hundredth of one percent) of the prime rate value published in the "Federal Reserve Bulletin" or in the Federal Reserve's "Selected Interest Rates" for the 4th, 3rd, and 2nd months preceding the 1st month of the calendar quarter.
- SFR = Firm sales as defined in the GCA computation, less sales under a transportation or negotiated rate schedule.
- STR = Total sales as defined in the GCA computation, less sales under a transportation or negotiated rate schedule.